

Amendments to th Claims

Claim 1-26 (Cancelled).

Claim 27 (Currently amended): A hydrogenation process of ~~hydrodehalogenating a~~
~~halogenated organic compound comprising: providing a halogenated organic compound;~~
and contacting the a ~~halogenated organic~~ compound with H_2 , H_2O and a catalyst in the
presence of water to form a ~~hydrodehalogenation reaction product~~ hydrogenated
compound.

Claim 28 (Currently amended): The process of claim 26 27 wherein ~~the halogenated~~
~~organic compound comprises CFC-217ba~~ the contacting further comprises contacting the
compound with H_2 .

Claim 29 (Currently amended): The process of claim 26 28 wherein ~~the a~~ ratio of the H_2 to
~~halogenated organic the~~ compound is from about 0.2:1 to about 10:1.

Claim 30 (Currently amended): The process of claim 26 28 wherein ~~the a~~ ratio of the H_2 to
~~halogenated organic the~~ compound is at least about 1.2:1.

Claim 31 (Currently amended): The process of claim 26 27 wherein the H_2O water is from
about 0.04 to about 12 percent by weight of the ~~halogenated organic~~ compound.

Claim 32 (Currently amended): The process of claim ~~30~~ 27 wherein the ~~H₂O~~ water is at least about 0.8 percent by weight of the ~~halogenated organic~~ compound.

Claim 33 (Currently amended): The process of claim ~~26~~ 27 wherein the catalyst contains a metal.

Claim 34 (Currently amended): The process of claim ~~33~~ 27 wherein the catalyst comprises ~~Pd~~ palladium and a catalyst support.

Claims 35-88 (Cancelled).

Claim 89 (New): The process of claim 27 wherein the compound comprises C₃F₇Cl and the hydrogenated compound comprises C₃F₇H.

Claim 90 (New): The process of claim 27 wherein the compound is aliphatic.

Claim 91 (New): The method of claim 27 wherein the compound is olefinic.

Claim 92 (New): The method of claim 27 wherein the compound is perhalogenated.